

US EPA RECORDS CENTER REGION 5




491587

SIGNATORY AUTHORIZATION

FOR PERMIT PROGRAM FORMS

J. W. Molloy, the Plant Manager of Monsanto
Company's W. G. Krummrich Plant, Sauget, Illinois,
is hereby authorized to sign permit applications,
reports, and other documents required or requested
by governmental environmental authorities.


R. G. Potter
Group Vice President
and Managing Director

Date: 11/1/55



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 114, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

APPLICATION FOR <u>RENEWAL</u> OF AN OPERATING PERMIT	FOR AGENCY USE ONLY
OPERATION OF: <u>Virgin Xylene Storage Tank</u> (A) (SAME AS 9c ON PAGE 2)	I. D. NO. _____ PERMIT NO. _____ DATE _____

1a. NAME OF OWNER: <u>Monsanto Company</u>		2a. NAME OF OPERATOR: <u>W. G. Krummrich Plant</u>	
1b. STREET ADDRESS OF OWNER: <u>800 N. Lindbergh</u>		2b. STREET ADDRESS OF OPERATOR: <u>500 Monsanto Ave.</u>	
1c. CITY OF OWNER: <u>St. Louis</u>		2c. CITY OF OPERATOR: <u>Sauget</u>	
1d. STATE OF OWNER: <u>Missouri</u>	1e. ZIP CODE: <u>63167</u>	2d. STATE OF OPERATOR: <u>Illinois</u>	2e. ZIP CODE: <u>62206-1198</u>

3a. NAME OF CORPORATE DIVISION OR PLANT: <u>W. G. Krummrich Plant</u>		3b. STREET ADDRESS OF EMISSION SOURCE: <u>500 Monsanto Ave.</u>	
3c. CITY OF EMISSION SOURCE: <u>Sauget</u>	3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3e. TOWNSHIP: <u>Centreville</u>	3f. COUNTY: <u>St. Clair</u>
		3g. ZIP CODE: <u>62206-1198</u>	

4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL)	5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>618-271-5835</u>
6. ADDRESS FOR CORRESPONDENCE: <input type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input checked="" type="checkbox"/> EMISSION SOURCE	7. YOUR DESIGNATION FOR THIS APPLICATION: (B) <u>255 HR 1</u>

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.

AUTHORIZED SIGNATURE(S):

(C)
BY Jack W. Molloy 5/27/86
SIGNATURE DATE
Jack W. Molloy
TYPED OR PRINTED NAME OF SIGNER
Plant Manager
TITLE OF SIGNER

RECEIVED
BY MAY 27 1986 _____
SIGNATURE DATE
IEPA - DAPC - SPFLD
TYPED OR PRINTED NAME OF SIGNER

TITLE OF SIGNER

- (A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE OPERATED.
- (B) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.
- (C) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH PCB REGS., CHAPTER 2, PART 1, RULE 103(a)(4) OR 103(b)(5) WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."

IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.

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DATA AND INFORMATION INCORPORATED BY REFERENCE FROM CURRENT OPERATING PERMIT

9a. APPLICATION NO.: 8 1 0 8 0 0 5 39b. I.D. NO.: 1 6 3 1 2 1 A A C9c. OPERATION OF: Virgin Xylene Storage Tank9d. LOCATION: Sauget, Illinois9e. PERMIT EXPIRATION DATE: 0 8 1 5 8 69f. HAS THE OPERATION AS DESCRIBED IN THE REFERENCED OPERATING PERMIT BEEN MODIFIED* AS DEFINED IN RULE 101 OF THE PCB REGS., CHAPTER 2, PART 1? ☐ YES ☒ NO

9g. IF "YES" SUBMIT THE APPLICABLE FORMS OR DESCRIBE IN DETAIL THE MODIFICATION OF THE OPERATION.

9h. DATE THE OPERATION WAS MODIFIED: N/A — — — —10a. IF THE OPERATION IS SUBJECT TO A RULE WHOSE EFFECTIVE DATE IS ON OR BEFORE THE DATE OF THIS APPLICATION, IS SUCH OPERATION IN FULL COMPLIANCE WITH ALL SUCH RULES? ☒ YES ☐ NO

10b. IF "NO", EXPLAIN:

11. IF YOUR OPERATING PERMIT APPLICATION CONTAINS COMPLIANCE PROGRAM(S), HAS THIS COMPLIANCE PROGRAM BEEN COMPLETED AND HAVE ALL THE PROJECT COMPLETION REPORTS (APC-271) BEEN SUBMITTED? N/A ☐ YES ☐ NO

12a. ARE YOU IN COMPLIANCE WITH ALL CONDITIONS OF ALL REFERENCED PERMITS?

☒ YES☐ NO

12b. IF "NO", EXPLAIN:

*MODIFICATION: ANY PHYSICAL CHANGE IN, OR CHANGE IN THE METHOD OF OPERATION, OF AN EMISSION SOURCE OR OF AIR POLLUTION CONTROL EQUIPMENT WHICH INCREASES THE AMOUNT OF ANY SPECIFIED AIR CONTAMINANT EMITTED BY SUCH SOURCE OR EQUIPMENT OR WHICH RESULTS IN THE EMISSION OF ANY SPECIFIED AIR CONTAMINANT NOT PREVIOUSLY EMITTED. IT SHALL BE PRESUMED THAT AN INCREASE IN THE USE OF RAW MATERIALS, THE TIME OF OPERATION, OR THE RATE OF PRODUCTION WILL CHANGE THE AMOUNT OF ANY SPECIFIED AIR CONTAMINANT EMITTED. NOTWITHSTANDING ANY OTHER PROVISIONS OF THIS DEFINITION, FOR PURPOSES OF PERMITS ISSUED PURSUANT TO RULE 103, THE AGENCY MAY SPECIFY CONDITIONS UNDER WHICH AN EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT MAY BE OPERATED WITHOUT CAUSING A MODIFICATION AS HEREIN DEFINED, AND NORMAL CYCLICAL VARIATIONS, BEFORE THE DATE OPERATING PERMITS ARE REQUIRED, SHALL NOT BE CONSIDERED MODIFICATIONS. PCB REGS., CHAPTER 2, PART 1, RULE 101.

NOTE: TO INCORPORATE OTHER CONSTRUCTION PERMITS BY REFERENCE, ATTACH A LISTING OF SUCH PERMITS USING THE FORMAT SET FORTH IN ITEM 9 OR APC-210, "DATA AND INFORMATION -- INCORPORATION BY REFERENCE."

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*EMISSION INFORMATION

51. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED):

None

AVERAGE OPERATION

CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
PARTICULATE MATTER	52a. GR/SCF	b. LB/HR	c.
CARBON MONOXIDE	53a. PPM (VOL)	b. LB/HR	c.
NITROGEN OXIDES	54a. PPM (VOL)	b. LB/HR	c.
ORGANIC MATERIAL	55a. PPM (VOL)	b. 0.01 LB/HR	c. Engineering Calculation
SULFUR DIOXIDE	56a. PPM (VOL)	b. LB/HR	c.
** OTHER (SPECIFY)	57a. PPM (VOL)	b. LB/HR	c.

MAXIMUM OPERATION

CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
PARTICULATE MATTER	58a. GR/SCF	b. LB/HR	c.
CARBON MONOXIDE	59a. PPM (VOL)	b. LB/HR	c.
NITROGEN OXIDES	60a. PPM (VOL)	b. LB/HR	c.
ORGANIC MATERIAL	61a. PPM (VOL)	b. 0.10 LB/HR	c. Engineering Calculation
SULFUR DIOXIDE	62a. PPM (VOL)	b. LB/HR	c.
** OTHER (SPECIFY)	63a. PPM (VOL)	b. LB/HR	c.

* ITEMS 52 THROUGH 63 NEED NOT BE COMPLETED IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.

** "OTHER" CONTAMINANT SHOULD BE USED FOR AN AIR CONTAMINANT NOT SPECIFICALLY NAMED ABOVE. POSSIBLE OTHER CONTAMINANTS ARE ASBESTOS, BERYLLIUM, MERCURY, VINYL CHLORIDE, LEAD, ETC.

***EXHAUST POINT INFORMATION

64. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

255 HR1

65. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

South Side of 4NDPA Department

66. EXIT HEIGHT ABOVE GRADE: 22 ft.	67. EXIT DIAMETER: 4 in.
68. GREATEST HEIGHT OF NEARBY BUILDINGS: 46 FT	69. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: 45 FT
AVERAGE OPERATION	MAXIMUM OPERATION
70. EXIT GAS TEMPERATURE: Ambient °F	72. EXIT GAS TEMPERATURE: Ambient °F
71. GAS FLOW RATE THROUGH EACH EXIT: 2.0 ACFM	73. GAS FLOW RATE THROUGH EACH EACH EXIT: 13.4 ACFM

*** THIS SECTION SHOULD NOT BE COMPLETED IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.

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